

12'-0" OR IN LINE
WITH GUARDRAIL POSTS

RIGHT EDGE OF SHOULDER
OR FACE OF CURB

VARIES
24" - 48"

2"x2"
SQUARE-TUBE
POST

MILE
444

5'-6"

6'-6" IF BEHIND
GUARDRAIL

Technical drawing of a rectangular traffic sign with the following dimensions and callouts:

- Overall width: 1'-0"
- Overall height: 2'-0"
- Top horizontal dimension: 6" (split into two 3" segments)
- Right vertical dimension: 2 1/2" (split into 5" and 3" segments)
- Bottom horizontal dimension: 3 1/2"
- Bottom vertical dimension: 10"
- Top-left corner radius: 1 1/2" R (TYP)
- Top-left mounting hole: 1" diameter
- Bottom-left mounting hole: 3/8" diameter (TYP)
- Bottom-right corner hole: 7/16" DIA. (TYP)

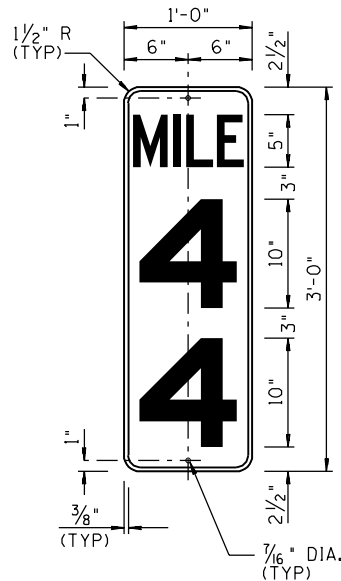
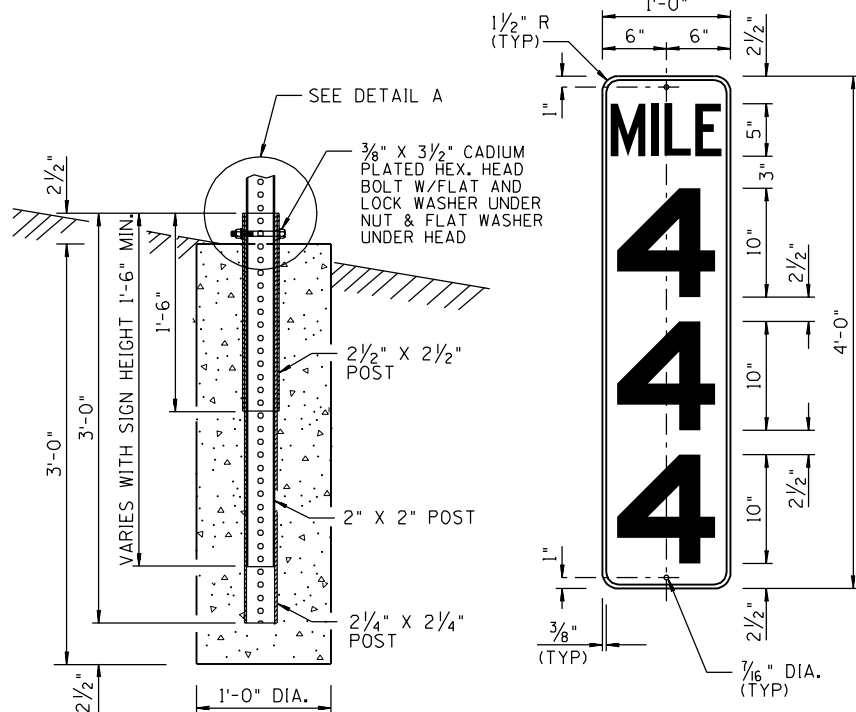


Diagram illustrating the assembly of a fender washer. The components shown are:

- 7/16" CORROSION RESISTANT BOLT, LOCK WASHER AND HEX. NUT. DEFORM THREADS AFTER INSTALLATION
- STEEL POST
- ZINC OR CADMIUM COATED FENDER WASHER



POSTS SHALL BE REMOVABLE FROM FOUNDATION SLEEVE AFTER CONCRETE HAS SET

TRAFFIC FLOW

BOLT SHALL BE PERPENDICULAR TO MAJOR OR CRITICAL TRAFFIC FLOW

1. MILEPOSTS SHALL BE PLACED ON THE RIGHT SIDE OF THE ROADWAY FACING APPROACHING TRAFFIC. IF THEY CANNOT BE PLACED WITHIN 100 FOOT ACCURACY, THEY SHALL BE OMITTED.
2. ANY NEW MILEPOST SHALL BE INSTALLED IN THE SAME LONGITUDINAL LOCATION AS THE CORRESPONDING EXISTING MILEPOST.
3. MILEPOST PLATES SHALL BE FABRICATED FROM 0.125" THICK 3003-H14, 5052-H38, OR 6061-T6 ALUMINUM.
4. ALL SURFACES COVERED WITH REFLECTIVE SHEETING SHALL BE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SHEETING MANUFACTURER. SHEETING SHALL CONFIRM TO SECTION 1007 OF THE STANDARD SPECIFICATIONS. PANEL SURFACES NOT COVERED WITH SHEETING SHALL BE ETCHED TO REDUCE GLARE FROM REFLECTED SUNLIGHT.
5. POSTS SHALL BE PERFORATED SQUARE-TUBE, FORMED FROM 0.105" ASTM A-366 COLD ROLLED CARBON STEEL. THE SQUARE TUBES SHALL BE WELDED DIRECTLY IN THE CORNERS BY HIGH-FREQUENCY RESISTANCE WELDING OR EQUAL. POSTS SHALL BE EXTERNALLY SCARIFIED TO CONFORM TO STANDARD CORNER RADII OF $\frac{1}{16}$ " AND SHALL BE GALVANIZED TO CONFORM TO THE REQUIREMENTS OF ASTM A-525 COATING DESIGN G-90.
6. PANELS SHALL BE ATTACHED TO POSTS USING $\frac{7}{16}$ " HEX-HEAD BOLTS WITH HEX NUT, FLAT WASHER, LOCK WASHER, AND ZINC OR CADMIUM COATED FENDER WASHER. FACE OF BOLT AND ZINC OR CADMIUM COATED FENDER PANEL SHALL BE THE SAME COLOR AS THE MILEPOST PANEL. THE MAXIMUM OUTSIDE DIAMETER OF ALL WASHERS SHALL BE $\frac{7}{16}$ ".
7. ALL HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-307, CLASS A, AND SECTION 607-2.03 OF THE STANDARD SPECIFICATIONS.
8. CONCRETE SHALL BE $f'c = 2500$ PSI OR STRONGER AND FINISHED FLAT.
9. THE WORD "MILE" SHALL BE 5 INCH SERIES "C" AT 50% SPACING. NUMERALS SHALL BE AT 10 INCH SERIES "E" MODIFIED, PER THE FEDERAL HIGHWAY SIGN MANUAL. NUMERALS AND WORDS SHALL BE OPTICALLY SPACED ABOUT THE VERTICAL CENTERLINE.
10. THE BORDER AND LEGEND SHALL BE WHITE. THE BACKGROUND SHALL BE GREEN AND MAY BE REVERSE SILK-SCREENED. SHEETING SHALL CONFIRM TO SECTION 1007 OF THE STANDARD SPECIFICATION.

SHEET 1 OF 2
NOT TO SCALE